

AMENDMENTS TO THE CLAIMS:

This listing of Claims will replace all prior versions, and listings, of Claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A disk drive configured to be accessible in fail-over via buses associated with plural host interfaces, the disk drive comprising:
a disk storage medium;
a first bus connection;
a second bus connection;
a switch for selectively connecting the disk storage medium to at least one of the first and second bus connections; and
an interface controller for detecting whether at least one of the first and second bus connections is active and for controlling the switch in response, wherein the switch includes a multiplexer and the first and second bus connections and the multiplexer are integral to the disk drive.

2. (Original) A disk drive according to Claim 1, wherein the first and second bus connections are separate initiator ports of the disk drive, the initiator ports being instantiated by the interface controller in response to detecting which of the first and second bus connections is active.

3. (Canceled)

4. (Currently Amended) A disk drive according to ~~Claim 3~~ Claim 1, wherein the first and second bus connections and the multiplexer are external to the disk drive.

5. (Currently Amended) A disk drive according to ~~Claim 3~~ Claim 1, wherein the multiplexer is an analog device.

6. (Currently Amended) A disk drive according to ~~Claim 3~~ Claim 1, wherein the multiplexer is a digital device.

7. (Currently Amended) A disk drive according to ~~Claim 3~~ Claim 1, wherein the multiplexer is an optical device.

8. (Canceled)

9. (Currently Amended) A disk drive according to ~~Claim 3~~ Claim 1, wherein the first and second bus connections and the multiplexer are integral to a disk drive VLSI controller chip.

10. (Original) A disk drive according to Claim 1, wherein the first and second bus connections are serial advanced technology attachment (SATA) bus connections.

11. (Original) A disk drive according to Claim 1, wherein the first and second bus connections are serial attached SCSI (SAS) bus connections.

12. (Original) A disk drive according to Claim 1, wherein the first and second bus connections are Ethernet connections.

13. (Currently Amended) A method for implementing a fail-over feature for a disk drive having an interface controller and having access to plural host interfaces, wherein first and second bus connections are separate initiator ports of the disk drive, the interface controller being configured to execute the steps of:

determining when a first one of the plural host interfaces is in a failed state, the determining comprising:

monitoring the first one of the plural host interfaces for a first signal;
and
sending a second signal to a second one of the plural host interfaces in
an absence of the first signal; and
initiating a selection of a second one of the plural host interfaces in response
to the step of determining; and
controlling a switch used to selectively connect a disk storage medium of the
disk drive to at least one of the first and second bus connections during the step of
initiating.

14. (Canceled)

15. (Currently Amended) A method according to Claim 44 13,
comprising:

instantiating one of the initiator ports in response to detecting which of the first
and second bus connections is active.

16. (Currently Amended) A method according to Claim 44 13,
wherein the first and second bus connections are serial advanced technology
attachment (SATA) bus connections.

17. (Currently Amended) A method according to Claim 44 13,
wherein the first and second bus connections are Ethernet connections.

18. (Canceled)

19. (Currently Amended) A method according to Claim 48 13,
wherein the first signal is produced at regular time intervals determined by the first
one of the plural host interfaces.

20. (Currently Amended) A method according to Claim 48 13,
wherein the second signal is a disk-drive-initiated interrupt signal.